

105.3 - Ethanol Solutions

This SRM is for use in the calibration of instruments and techniques for the determination of ethanol (ethyl alcohol) in breath and blood. SRM 1828a consists of four concentrations of ethanol-water solutions in a set of five ampoules.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Nominal Concentration (mass fraction in %)
1828b	Ethanol-Water Solutions	6 x 1.2 mL	0.02, 0.04, 0.08, 0.1, 0.2, 0.3
1847	Ethanol-Water Solutions	6 x 10 mL	2, 6, 25
2891	Ethanol-Water Solution (nom., 0.02 %)	5 x 1.2 mL	0.02
2892	Ethanol-Water Solution (nom., 0.04 %)	5 x 1.2 mL	0.04
2893	Ethanol-Water Solution (nom., 0.08 %)	5 x 1.2 mL	0.08
2894	Ethanol-Water Solution (nom., 0.1 %)	5 x 1.2 mL	0.1
2895	Ethanol-Water Solution (nom., 0.2 %)	5 x 1.2 mL	0.2
2896	Ethanol-Water Solution (nom., 0.3 %)	5 x 1.2 mL	0.3
2897	Ethanol-Water Solution, (nom. 2%)	5 x 10 mL	2
2898	Ethanol-Water Solution, (nom. 6%)	5 x 10 mL	6
2899a	Ethanol-Water Solution, (nominal 25 % by mass)	5 ampoules x 10 mL	25
2900	Ethanol-Water Solution, (nominal 95.6%)	10 mL	95.6

Certified values are normal font.

Reference values are italicized.

Values in parentheses are for information only.